

REMARKS

This communication is in response to the non-final Office Action issued December 20, 2005. Claims 1, 3, 4, 6, 7, and 9-17 are pending in the application. Claims 1, 7 and 10 have been amended for clarity and claims 5 and 8 have been canceled. Reconsideration and allowance in view of the following is respectfully requested.

A. Rejections under 35 U.S.C. 103

The Examiner rejected claims 1-17 as being unpatentable over US Patent No. 5,280,612 to Lorie et al. in view of US Patent No. 5,553,279 to Robert David Goldring.

Claims 1 and 10, as amended, now recite associating the change data in the first database object with the system change number in the second database object based on the transaction identifier by performing a join operation on the first database object and the second database object, and wherein the join operation puts the change data in the first database in an order based on when the operation for the change data occurred. For example, the present invention stores all the DML statements that belong to a transaction and provides all of the DML statements belonging to the transaction with the same transaction identifier. These transaction identifiers can be used to put the data in a change table in order based on when an operation occurred.

In contrast, Lorie discloses providing a database having a series of records, each of which is identified by a logical key or other suitable identifier. (See. Col. 8, lines 39-43). A record key structure is maintained for each record. (See. Col. 8, lines 37-39). Each record is maintained using three versions of the record. The location of each version of the record is determined by different PTR and a different transaction identifier is provided for each PTR. There is no disclosure of placing data that is in a table in order by performing a join of the table having change data and another table. Accordingly, Lorie fails to disclose the invention of claims 1 and 10.

Robert David Goldring does not cure the deficiencies of claims 1 and 10. Robert David Goldring discloses a computer processing system that receives sequences of changes to a data base and records them into an activity log for later retrieval also maintains a consistent change data table that contains sufficient change information for each of the changes to the data base such that the changes can be propagated through multiple copies of the data base by consulting the consistent change data table. The consistent change data includes information sufficient to permit reconstruction of the data base to reflect the condition of the data base at any moment of time in the activity log. There is no disclosure of placing data in a table in order by performing a join of the table having change data and another table. Accordingly, the combination of Lorie and Robert David Goldring fails to teach the invention of claims 1 and 10.

Claims 2-6 and 11- 17 depend from claim 1 and 10 respectively. Accordingly, the combination Lorie and Robert David Goldring fails to teach the invention of claims 2-6 and 11- 17 for at least the reasons discussed above with respect to claims 1 and 10.

Claim 7 recites substantially the same limitation not taught of suggested by Lorie. As discussed with respect to claims 1 and 10, Robert David Goldring fails to cure the deficiencies of Lorie. Accordingly, the combination of Lorie and Robert David Goldring fails to teach the invention of claims 7 for at least the reasons discussed above with respect to claims 1 and 10.

Claims 8 and 9 depend from claim 7 and thus the combination of Lorie and Robert David Goldring fails to teach the invention of claims 8 and 9 for at least the reasons discussed above with respect to claim 1.

B. Conclusion

All claims are believed to be in condition for allowance. If the Examiner has any questions about this amendment and to facilitate prosecution, the Examiner is encouraged to call the undersigned attorney. The Commissioner is hereby authorized to charge any

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insufficient fees or credit any overpayment associated with this application to Deposit
Account No. 19-5127 referencing 19111.0201.

Respectfully submitted,

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